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(54) **GAS CAPTURE PROCESS**

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(58) **Field of Classification Search**
None
See application file for complete search history.

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(56) **References Cited**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 482 days.

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(57) **ABSTRACT**

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A process for the capture of CO₂ from gas streams, the process including contacting a CO₂ containing gas stream with a compound including: a primary or non-sterically hindered secondary amine group and at least one tertiary amine or sterically hindered secondary amine group; wherein the primary or non-sterically hindered secondary amine and the nearest tertiary or sterically hindered secondary amine group are separated by a carbon chain including 3 or 4 carbon atoms and wherein the compound is a compound of Formula (I).

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9 Claims, 3 Drawing Sheets

